Pretium EDGE® Solutions Module

12 F, LC Duplex to MTP® Connector, 50 µm multimode (OM3)

CORNING

Pretium EDGE® Solutions modules are used to break out the 12-fiber MTP® Connectors terminated on trunk cables into LC connectors to facilitate patching into system equipment ports or patch panels. The 12-fiber module features LC port adapters across the front and an MTP connector adapter in the back. A factory-terminated and -tested optical fiber assembly inside the module connects the front adapters to the back MTP connector adapter.

Pretium EDGE® Solutions modules are housed at the front of the housing and may be installed or removed from either the front or rear. This feature results in faster installation by allowing a technician to strain-relieve the trunk, route trunk legs, plug the MTP connector into the module and install the module into the housing all from one side of the cabinet row. The modular design allows for a pay-as-you-grow approach to network installation. The module features an LC shuttered adapter, so there is no need for dust caps that can be lost. Unlike other shuttered adapters on the market, this adapter is VFL compatible. The innovative design diffuses the red VFL light, allowing easy visualization of port identification without needing to manually open each shutter. This revolutionary inward opening design also allows for a single-hand LC duplex operation, while its concave shutter door ensures there is no contact with the connector end face during installation.

The use of Pretium EDGE® Solutions modules in the data center offers the advantage of greater manageability and flexibility with a modular infrastructure. As future connectivity requirements change, modules can be easily exchanged to meet those needs, while leaving the existing trunk cable infrastructure in place. The MTP connector backplane allows for future upgradeability to parallel optics. Pretium EDGE Solutions modules are packaged in an easy-open plastic container to facilitate bulk packaging for reduced waste during data center installation.
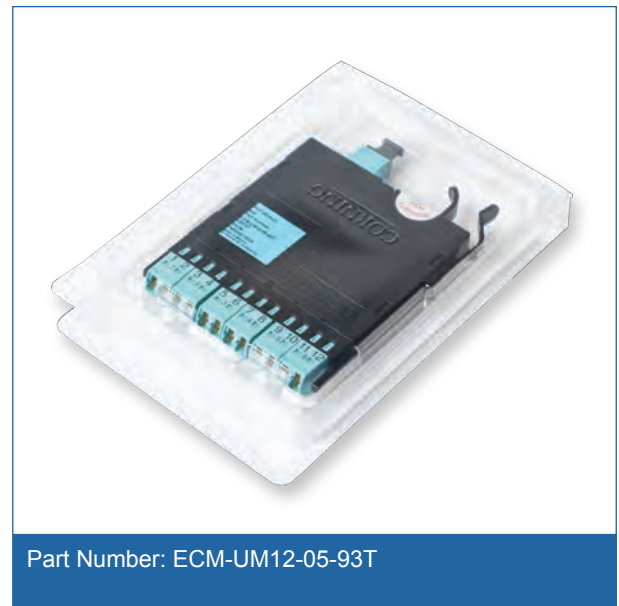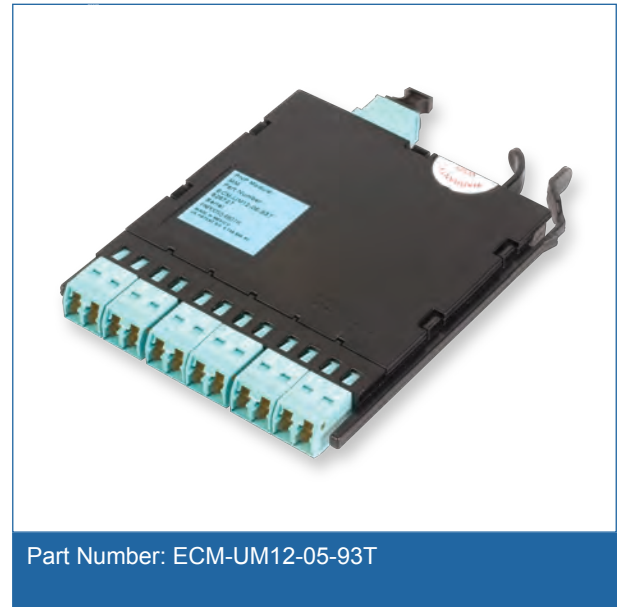

Part Number: ECM-UM12-05-93T

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Features and Benefits

Connector modules
Allow for fiber modularity while offering both front- and rear-loading capability

Shuttered modules
Create one-hand operation while eliminating need to keep up with dust caps

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Specifications

General Specifications	
Application	Data Center LAN/SAN
Product Type	Panels & Modules
Fiber Category	50 µm MM (OM3)

Design - Hardware	
Fiber Count	12
Number of Adapters per Panel	6
Adapter Type Front	Shuttered LC
Adapter Color Front	Aqua
Adapter Type Back	MTP®
Adapter Color Back	Aqua

Mechanical Characteristics	
Dimensions (HxWxD)	12 mm x 90 mm x 124 mm (0.463 in x 3.53 in x 4.87 in)

Optical Specification - Hardware	
Module Insertion Loss, Max	0.5 dB
Wavelengths	850 nm / 1,300 nm

Design - Connector A	
Connector Type	MTP® (pinned)
Ferrule	Composite

Design - Connector B	
Connector Type	LC Uniboot
Ferrule	Ceramic

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Cable Design	
Fiber Count	12
Polarity	Universal

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2002/95/ EG

Ordering Information

Part Number	ECM-UM12-05-93T
Product Description	Pretium EDGE® Solutions Module, 12 F, LC Duplex to MTP® Connector, 50 µm multimode (OM3)
Weight	0.11 kg (0.25 lb)

Shipping Information

Units per Delivery	4/1 or 12/1

RoHS COMPLIANT

CORNING